

#### DESCRIPTION AMENDMENTS

Rewrite the paragraph beginning on page 1, line 14, to read as follows:

In a cascade scrubber (e.g. Bauart ~~BACH~~ BAHCO), the gas to be scrubbed is sucked in reduced pressure into a series of cascade tubes. The gas is injected via the central cascade tube into the scrubbing liquid and sucked from there upward through an annular tube around the central tube. The gas, which has taken the liquid with it, is allowed to collide with a plate surrounding the central tube, which directs the gas downward again. Thus the "self-droplet formation" of the liquid is achieved, and as a result the final scrubbing of the gas occurs. Droplet separation takes place in a separate droplet separator.

Rewrite the paragraph beginning at page 1, line 24, to read as follows:

Different types of droplet separators are described in the literature e.g. H. ~~Bauer~~ Brauer, Y.B.G. Varma: "Air Pollution Control Equipment", Springer-Verlag 1981. pp. 219 - 239. The main types of droplet separators are the zigzag channel, centrifugal or classic filter principles.